Question Paper

ANMC Mock Test Class 7 - Comparing Quantities (Paper 3)

Exam ID : TEST/2024/01/05135131 Report Generation Date : 3/26/2024 3:01:57 PM

Q1: A bag contains 50p, 25p, 10p coins in the ratio 2 : 6 : 3, amounting to Rs. 224. Find the total number of coins.

A: 800

B: 880

C: 850

D: 860

Answer: B

Q2: When the price of a product was decreased by 30%, the number sold increased by 60%, what was the increase on the total revenue?

A: 12%

B: 10%

C: 9%

D: 15%

Answer: A

Q3: If a number x is 25% less than another number y and y is 25% more than 144, then value of x is:

A: 140

B: 144

C: 135

D: 130

Answer: C

Q4: What is 10% of 10% of (1/10)?

A: 1.00

B: 0.01

C: 0.001

D: 0.10

Answer: C

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Q5: If 6% more is gained by selling an article for Rs. 624 than by selling it for Rs. 600 then the cost of the article is:

A: Rs.500

B: Rs.550

C: Rs.400

D: Rs.300

Answer: C

Q6: A number increased by 23 1/3 % gives 37. The number is :

A: 33

B: 27

C: 28

D: 30

Answer: D

Q7: 30% of 1200 = x% of 400, then the value of x is:

A: 90

B: 60

C: 80

D: 85

Answer: A

Q8: If a number x is 12% less than another number y and y is 12% less than 50% of 230, then x is equal to:

A: 88.25

B: 19.10

C: 88.03

D: 89.06

Answer: D

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Q9: If 3% more is gained by selling an article for Rs. 321 than by selling it for Rs. 300 then the cost of the article is:

A: Rs.700

B: Rs.650

C: Rs.800

D: Rs.600

Answer: A

Q10: Which of the following is the correct ascending order?

A: 5/9 < 3/4 < 4/7 < 9/13

B: 4/7 < 5/9 < 9/13 < 3/4

C: 5/9 < 4/7 < 9/13 < 3/4

D: 9/13 < 4/7 < 5/9 < 3/4

Answer: C

Q11: There are 43% of boys in a school. If the number of girls is 513, find the total number of students in the school.

A: 930

B: 900

C: 880

D: 890

Answer: B

Q12: The cost of 16 articles is equal to the selling price of 12 articles. Find the profit per cent.

A: 33.33%

B: 25%

C: 20%

D: 28.23%

Answer: A

Q13: An article is marked at Rs. 950. If it is sold for Rs. 792, then find the discount per cent.

A: 15.33%

B: 16.33%

C: 15.82%

D: 16.63%

Answer: D

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Q14: A watch was bought for Rs. 2,568 including 7% VAT. Find its price before the VAT was added.

A: Rs. 2460

B: Rs. 2420

C: Rs. 2400

D: Rs. 2450

Answer: C

Q15: A car is marked at Rs. 1000000. The dealer allows successive discounts of 20%, 10% and 2 1/3% on it. What is the net selling price of it?

A: Rs. 703224

B: Rs. 703624

C: Rs. 703284

D: Rs. 703574

Answer: A

Q16: In a town, 24% of people like coffee, 20% of people like tea, and the rest of the people like juice. If there are 600 people in the town, then how many people like Juice?

A: 363

B: 326

C: 336

D: 346

Answer: C

Q17: A luxury car travels with the speed of 35 meter per seconds whereas, an ordinary car will travel with the speed of 54 km per hour. What is the ratio of the speed of the luxury car to that of an ordinary car?

A: 3 : 7

B: 8 : 3

C: 7 : 3

D: 3 : 8

Answer: C

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Q18: Tina said to her mom that she ate 42.86% of the apple that was there on the basket and she gave half of the remaining to her younger one Rina. Then what percentage of apple remains in the basket?

A: 28.57%

B: 28.25%

C: 28.75%

D: 28.46%

Answer: A

Q19: A shopkeeper purchased 200 bulbs for Rs. 12 each. However 5 bulbs were fused and had to be thrown away. The remaining was sold at Rs. 15 each. Find the gain or loss %.

A: 25% gain

B: 21.88% gain

C: 25% loss

D: 21.88% loss

Answer: B

Q20: A book was sold for Rs. 168 with a profit of 12%. If it were sold for Rs. 180, then what would have been the percentage of profit or loss?

A: 25%

B: 18%

C: 20%

D: 24%

Answer: C

Q21: P took 0.40 minutes to reach School from the bus stop whereas Q took 30 seconds. What is the ratio of P’s speed and Q’s speed?

A: 4:3

B: 5:4

C: 5:3

D: 3:1

Answer: B

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Q22: Rs. 36,000 is borrowed at 8% rate of interest p.a. borrowed for 3 years. Find the amount to be paid at the end of the third year.

A: Rs. 45520

B: Rs. 44640

C: Rs. 45230

D: Rs. 44820

Answer: B

Q23: If 12.20% more is gained by selling an article for Rs. 1613.20 than by selling it for Rs. 1540 then the cost of the article is:

A: Rs. 500

B: Rs. 750

C: Rs. 800

D: Rs. 600

Answer: D

Q24: If S.P. of an article is 5/8 of its C.P., then the loss % in the transaction is:

A: 35.2%

B: 37.5%

C: 39.6%

D: 32.8%

Answer: B

Q25: x% of 20 + 20% of 240 = 248, then the value of x is:

A: 1500

B: 1000

C: 1200

D: 1400

Answer: B

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Q26: If 4.25% more is gained by selling an article for Rs. 732 than by selling it for Rs. 681 then the cost of the article is:

A: Rs. 1500

B: Rs. 1200

C: Rs. 1600

D: Rs. 1000

Answer: B

Q27: A sum of Rs. 1800 was lent partly at 5% and partly at 6% p.a. simple interest. The total interest received after 3 years was Rs. 300. The ratio of the money lent at 5% to that lent at 6% is:

A: 4:5

B: 2:3

C: 1:2

D: 3:4

Answer: A

Q28: The cost of a vehicle after depreciation at the rate of 8% per annum in 2 years is Rs. 126960. The initial cost of vehicle is:

A: Rs. 150000

B: Rs. 180000

C: Rs. 200000

D: Rs. 120000

Answer: A

Q29: Rs. 18,000 is borrowed at 13% rate of interest p.a. borrowed for 1.5 years. Find the amount to be paid at the end of the 1.5 years.

A: Rs. 20610

B: Rs. 21510

C: Rs. 22410

D: Rs. 20810

Answer: B

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Q30: If angles of a triangle are in the ratio 3/2 : 4 : 9/2. Find the value of each angle.

A: 120, 480 and 1200

B: 180, 720 and 900

C: 200, 800 and 900

D: 270, 720 and 810

Answer: D